

02-06-02

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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.: 990223.ORI  
First Inventor: Zhengnian Tang  
Title: Method and Apparatus for Avoiding Unwanted Sensing  
in a Cardiac Rhythm Management Device

Express Mail Label No.: 73626926 US

Address to: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

### Application Elements:

1. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
2. ☒ Specification Total Pages: 19
3. ☒ Drawings Total Sheets: 4
4. Oath or Declaration Total Pages: 6
  - a. ☒ Newly executed.
  - b. ☐ Copy from prior application  
(for continuation/divisional with Box 18 completed)
5. ☒ Application Data Sheet.

### Accompanying Application Parts

6. ☒ Assignment Papers (cover sheet & document)
7. ☐ Information Disclosure Statement
8. ☐ Preliminary Amendment
9. ☒ Return Receipt Postcard

10. ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
11. ☒ Certificate of Mailing Via Express Mail
12. ☒ Check in the amount of \$1282.00
13. ☐ If a **CONTINUING APPLICATION** (check appropriate box and supply requisite information below and in a preliminary amendment, or in an Application Data Sheets under 37 CFR 1.76):

☐ Continuation ☐ Divisional ☐ Continuation-in-Part

of prior application Serial No.:

Prior application information: Examiner: Group Art Unit:

☒ **Assignee Information for Inclusion on the Patent Application Publication:**

Assignee: Cardiac Pacemakers, Inc.  
Address: 4100 Hamline Avenue North  
St. Paul, MN 55112

#### Method of Payment

☒ Payment enclosed by check to cover the filing and recording fees.

☒ The Commissioner is authorized to charge any fees or refund any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 08-1265 under Deposit Account name of Nikolai & Mersereau, P.A.

#### Correspondence Address:

Customer No.: 23595

Typed Attorney Name: Thomas J. Nikolai  
Attorney Registration No.: 19283  
Telephone Number: 612-339-7461

Signature:  Date: February 4, 2002.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
1282.00

## Complete if Known

Application Number  
Filing Date Feb. 4, 2002  
First Named Inventor Zhengnian Tang  
Examiner Name  
Group Art Unit  
Attorney Docket No. 990223.ORI

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 08-1265  
Deposit Account Name Nikolai & Mersereau

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	740	370	Utility filing fee	740.
106	206	330	165	Design filing fee	
107	207	510	255	Plant filing fee	
108	208	740	370	Reissue filing fee	
114	214	160	80	Provisional filing fee	
SUBTOTAL (1) (\$)					740.

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 41  
Independent Claims 4  
Multiple Dependent Claims  
Extra Claims Fee from below Fee Paid  
20\*\* = 21 x 18 = 378.  
3\*\* = 1 x 84 = 84

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
103	203	18	9	Claims in excess of 20
102	202	84	42	Independent claims in excess of 3
104	204	280	140	Multiple dependent claim, if not paid
109	209	84	42	** Reissue independent claims over original patent
110	210	18	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
462.

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	65	Surcharge - late filing fee or oath	
127	227	50	25	Surcharge - late provisional filing fee or cover sheet	
139	239	130	130	Non-English specification	
147	247	2,520	2,520	For filing a request for ex parte reexamination	
112	212	920*	920*	Requesting publication of SIR prior to Examiner action	
113	213	1,840*	1,840*	Requesting publication of SIR after Examiner action	
115	215	110	55	Extension for reply within first month	
116	216	400	200	Extension for reply within second month	
117	217	920	460	Extension for reply within third month	
118	218	1,440	720	Extension for reply within fourth month	
128	228	1,960	980	Extension for reply within fifth month	
119	219	320	160	Notice of Appeal	
120	220	320	160	Filing a brief in support of an appeal	
121	221	280	140	Request for oral hearing	
138	238	1,510	1,510	Petition to institute a public use proceeding	
140	240	110	55	Petition to revive - unavoidable	
141	241	1,280	640	Petition to revive - unintentional	
142	242	1,280	640	Utility issue fee (or reissue)	
143	243	460	230	Design issue fee	
144	244	620	310	Plant issue fee	
122	222	130	130	Petitions to the Commissioner	
123	223	50	50	Processing fee under 37 CFR 1.17(q)	
126	226	180	180	Submission of Information Disclosure Stmt	
581	281	40	40	Recording each patent assignment per property (times number of properties)	80.
146	246	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	740	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	740	370	Request for Continued Examination (RCE)	
169	269	900	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
80

## SUBMITTED BY

Name (Print/Type) Thomas J. Nikolai  
Registration No. (Attorney/Agent) 19283  
Telephone 612-339-7461  
Signature [Signature]  
Date Feb. 4, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail No. EL732626826US  
PATENT APPLICATION

Docket No. 990223.ORI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re App : Zhengnian Tang, et al.

: February 4, 2002

For : Method and Apparatus for Avoiding  
Unwanted Sensing in a Cardiac Rhythm Management Device

**CERTIFICATE OF MAILING VIA EXPRESS MAIL**

ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATIONS  
WASHINGTON, D.C. 20231

Sir:


I hereby certify that the attached patent application consisting of 11 pages of specification, 7 pages of claims, abstract, 4 sheets of formal patent drawings, two executed Declaration, Power of Attorney, and Petition forms, two executed Assignments, a utility patent application transmittal, two Recordation Form Cover Sheets, a Patent Application Data Entry Format, a return receipt postcard, and a check in the amount of \$1282.00 in payment of the filing and recording fees, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to:

ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATIONS  
WASHINGTON, D.C. 20231

under Express Mail Post Office to Addressee Label No. EL 732626926 US.

Respectfully submitted,

NIKOLAI & MERSEREAU, P.A.



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On Behalf of Thomas J. Nikolai  
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